

What is claimed is:

1        1. A printmode for an inkjet printer including a plurality of print nozzles  
2 and an edge guide projecting into a printzone into which at least one of the  
3 plurality of print nozzles may be transported for deposition of a fluid onto a print  
4 media, the printmode comprising a printmask defining a print disable zone  
5 including a pre-selected area of the printzone substantially equal to an area of  
6 the edge guide that projects into the printzone.

1        2. A printmode according to Claim 1 wherein the print disable zone  
2 further comprises an area of the printzone substantially equal to a length of the  
3 edge guide times a width of a print media.

1        3. A printmode according to Claim 1 wherein the print disable zone  
2 further comprises an area of the printzone substantially equal to a length of the  
3 edge guide times a width of a portion of the print media that lies beneath the  
4 edge guide.

1        4. A printmode according to Claim 1 further comprising the printmask  
2 defining a narrow margin print zone located adjacent to the print disable zone.

1        5. A printmode according to Claim 4 further comprising the printmask  
2 defining a graduated print zone located between a narrow margin print zone and  
3 a full image density print zone.

1        6. An inkjet imaging device comprising:  
2            a printer controller;  
3            a media transport assembly connected to and controlled by the printer  
4 controller for transporting a print media along a media travel direction;  
5            a printhead including a plurality of print nozzles, the printhead connected

6 to and controlled by the printer controller for controllably activating the print  
7 nozzles to eject drops of ink, the printhead connected to a carriage for  
8 transporting the printhead across the print media;  
9 a printzone defined by a height of the plurality of print nozzles and the  
10 width of the print media;  
11 an edge guide located adjacent to a marginal edge of the print media, the  
12 edge guide located in the printzone; and  
13 a printmode including a printmask defining a print disable zone including a  
14 pre-selected area of the printzone substantially equal to an area of the edge  
15 guide that projects into the printzone.

1 7. A printmode according to Claim 6 wherein the print disable zone  
2 further comprises an area of the printzone substantially equal to an aggregate  
3 length of the edge guide times a width of a print media.

1 8. A printmode according to Claim 6 wherein the print disable zone  
2 further comprises an area of the printzone substantially equal to a length of the  
3 edge guide times a width of a portion of the print media that lies beneath the  
4 edge guide.

1 9. A printmode according to Claim 6 further comprising the printmask  
2 defining a narrow margin print zone located adjacent to the print disable zone.

1 10. A printmode according to Claim 9 further comprising the printmask  
2 defining a graduated print zone located between a narrow margin print zone and  
3 a full image density print zone.

1 11. A method for narrow margin printing with an inkjet printer including  
2 the steps of:  
3 selecting a printmode including a printmask defining a print disable zone  
4 including a pre-selected area of the printzone substantially equal to length of the  
5 edge guide times a width of a portion of the print media that lies beneath the

6 edge guide;  
7           transporting a print media into a printzone defined by a height of the  
8 plurality of print nozzles and a width of the print media; and  
9           selectively depositing ink from the print nozzle to the media forming an  
10 image including a narrow margin by printing in a narrow margin mode only in  
11 those marginal areas that are not occupied by the edge guide.

1           12. A method for narrow margin printing according to Claim 11 wherein  
2 the step of defining a print disable zone further includes defining an area of the  
3 printzone substantially equal to a length of the edge guide times a width of a print  
4 media as the print disable zone.

1           13. A method for narrow margin printing according to Claim 11 wherein  
2 the step of defining a print disable zone further includes defining an area of the  
3 printzone substantially equal to a length of the edge guide times a width of a  
4 portion of the print media that lies beneath the edge guide.

1           14. A method for narrow margin printing according to Claim 11 further  
2 including the step defining a narrow margin print zone located adjacent to the  
3 print disable zone.

1           15. A method for narrow margin printing according to Claim 11 further  
2 including the step defining a graduated print zone located between a narrow  
3 margin print zone and a full image density print zone.